



Kwikool

Portable Cooling Systems



Cool!
It's not just
an attitude...
it's what
we do.

Get a KwiKool Strategic Air Center and cool down fast!

What do you look for in a portable cooling system? Price? Size? Efficiency? Features? No matter which is most important to you, KwiKool does it best.

KwiKool's innovative designs have continuously redefined the portable cooling industry. In fact, KwiKool has made advances that no one thought possible, such as the development of 1 1/2-ton and 2-ton units in 115v. Both run on 20 amp circuits. You read it right, 2 tons – 115 volts – 20 amps!

KwiKool's air-cooled models combine the features of traditional central air conditioning systems (evaporator and condenser) into one compact unit. The exclusive I/O Integral Condenser™, a ductable inlet/outlet system, makes KwiKool's SAC the most effective portable in the market.

KwiKool's water-cooled models have all the features of the air cooled, except that the condenser heat is rejected by means of a supply and return water line. Whether you tap into chilled water, a cooling tower, or hook it up to a garden hose, KwiKool's Water-cooled Strategic Air Center series will keep you cool.

And only KwiKool offers the following standard features: durable insulated heavy gauge cabinets, microprocessor control panel, our exclusive two-tone Hammer Coat™ protective coating, low ambient controls, high lift condensate pump, and multiple safety controls – saving you time and money, not to mention sweat.

When you need to cool down fast, call KwiKool. We are quicker and more efficient than the other guys, and you won't pay a penny more.

Kwikool Features



- 12,000-120,000 BTU/H cooling capacities
- Wide Operating range of 60°F-110°F
*KPAC unit – 70°F-105°F
- ETL and CETL listed to UL and CSA standards
- Air-cooled and water-cooled models
- 1 Air-cooled models have the exclusive I/O Integral Condenser with both inlet and outlets which are ductable, without costly and bulky add-on kits
- Water-cooled models are equipped with a coaxial counter flow condenser combined with an automatic water control regulating valve.
- 2 Multi-function *remote-ready* microprocessor control with a large and easy to read LCD Display. Easy-touch control pads make changing system settings a snap.
- Available with infrared remote control with wireless remote temperature sensing.
- Audible alarm and LCD visual display readout for condensate tank full and for system function alarms
- *All SAC's have internal high lift condensate pumps and a 5-gallon reservoir tank for total condensate flexibility. Both have overflow protection.
- *Auto speed automatically sets fan speed based on heat load demand (not available on single speed models).
- Heavy duty compressors with automatic restart and short cycle protection.
- Motors and compressors have overload protection.
- High-pressure safety with manual reset.
- *Low-pressure safety with automatic reset.
- Freeze protection.
- 3 Heavy-duty locking castors.
- Rifle tube coils for efficient heat transfer.
- 4 Fully insulated, heavy duty galvanized steel cabinet with KwiKool's exclusive E-Z Clean™ scratch-resistant attractive two-tone epoxy
- HammerCoat™ protective finish for optimum durability, efficiency, low maintenance and quiet operation.
- 5 Sight glass with moisture indicator.
- 6 Easy access suction and liquid shreader service ports.
- 7 Easy access service door.
- *Low Ambient Controls
- *Fan cycling
- All KwiKool units are designed to fit through standard size doors
- MADE IN USA

*Indicates features not available on KPAC series

Who Uses KwiKool?



Building Maintenance - Office Building

Whenever we have a problem with our building's cooling systems, we use KwiKool to provide our tenants with temporary cooling until we are able to get our primary systems back on line.



Plant Manager - Manufacturing Facility

We installed a KwiKool to cool a plastics process. Now we can produce more parts in less time than ever before.



Data Processing Manager - Internet Provider

We had a 2-ton spot cooler in our server room. This unit ran continuously and never caught up. It stayed over 85°F all the time. Our contractor installed a KwiKool 2-ton Strategic Air Center, and it started cycling after about 10 minutes of running. Our room has never been the same.



Shift Supervisor - Shipping and Receiving

After we started using our KwiKool evaporative cooling system in our warehouse, our clerks are happier and are processing more orders than ever before.



Office Manager - Sales Organization

As we grew and added people into our telemarketing area, the room started getting very warm and people complained. Our KwiKool let us add cooling without the disruption or cost of installing a permanent system, and when we move, we'll just take it with us.



Mechanical Engineer - Engineering Firm

In the past, we have specified spot coolers for use in small critical application areas with less than satisfactory results. The KwiKool Strategic Air Center is truly a well-thought-out and refined piece of equipment with all of the necessary controls and features to perform excellently in almost any environment, especially critical ones. KwiKool has definitely changed our minds about portable air conditioning. Now, we only specify KwiKool



Physical Plant Superintendent - Hospital

We have new high-tech equipment being added every other day in our operating rooms. Our facilities were not designed for these heat loads in these areas. We added strategic air centers at a fraction of the cost of retrofitting a new system, and gave us great flexibility.



IT Supervisor - Law firm

Our building shuts the air off at night and on weekends. Our Kwikool automatically starts up when the building shuts down.



Shift Supervisor - Chemical Plant

We have a KwiKool five-ton unit that was factory "explosion proofed" for cooling workers in high risk areas. All I can say is that they work great!

Which KwiKool do I need??

KwiKool's vast selection of products and sizes allow customers to *custom* fit their application with one of KwiKool's *standard* units.

KwiKool's Portable Air Conditioner (KPAC) Series is an economical solution to cool applications where minimum refrigeration controls are required. Spot cooling, supplemental cooling and emergency cooling are but a few of the KPAC's uses.

KwiKool's Strategic Air Center is the flagship of the KwiKool line. Available in air cooled (SAC), split (SPLAC) and water cooled (SWAC) and in sizes from 1 to 10 tons, and up to 2 tons in 115V for easy installation. This product line can solve almost any cooling challenge. The SAC's wide operating ranges, sophisticated controls and vast list of standard features provide a system that can literally function in any environment. From a warehouse to a computer room, this powerhouse is up to the challenge. All of the SAC series units are designed to go 24-7 and provide a high level of protection for electronic equipment and critical processes. Other uses include cooling: aircraft, manufacturing processes, offices, chemical plants, tents, telecommunications rooms, and schools.

Our KwiKool line blows everyone away with its exceptional Flexibility, performance, and reliability!



A few of many applications for KwiKool Cooling Systems

- Primary Cooling
- Computer Rooms
- Telecommunications Room
- Supplementary Cooling
- Factory Zones
- Back-up Applications
- Construction/Building
- Offices
- Hospitals
- Laboratories
- Classrooms
- Construction site Trailers



KwiKool's Strategic Air Center... Is it a Spot Cooler??? Or is it a Portable Air Conditioner???

The answer is YES!! It is both.

A SPOT COOLER DEFINED:

A spot cooler is a portable device that blows cold air on a "spot" or location such as a person or process. Most "spot cooler" manufacturers claim to be capable of functioning in "all types of the environments," but are in essence a "high end" window unit on wheels. By virtue of its design, the *spot cooler's* capabilities are very limited. These units are typically a basic capillary-tube system designed primarily for higher ambient temperature, with very few refrigeration controls to allow them to operate effectively in anything other than a warehouse type environment. All air conditioning units designed for higher ambient temperatures must protect themselves from freezing at temperatures below about 75°F. Most spot coolers use a freeze stat, which simply shuts the compressor off if it starts to freeze. This means that if you want your server room to be 68°F, you can never reach the desired temperature with this unit. In addition, their condenser inlet is located on the side or back of the unit. This unit draws cold air directly from the room which it has just cooled, drastically reducing the effective cooling capacity of the unit, and creating a negative pressure or vacuum in the room. This brings the condenser air stream into the conditioned space. The diagram to the right illustrates how spot coolers utilize cold air from the room to cool their condensers. If air is removed from the room, more air must come back into the room – from under doors, around windows and most often from around ceiling tiles, bringing with it dirt, dust, heat and humidity – all of the things you don't want in your controlled environment. This is an unbalanced airflow system.

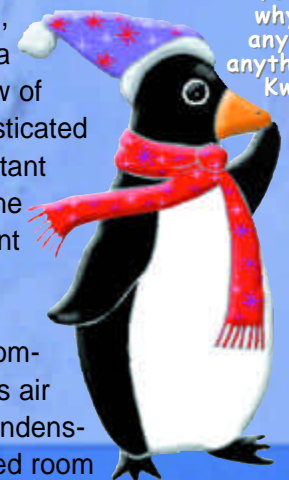
A TRUE AIR CONDITIONER DEFINED:

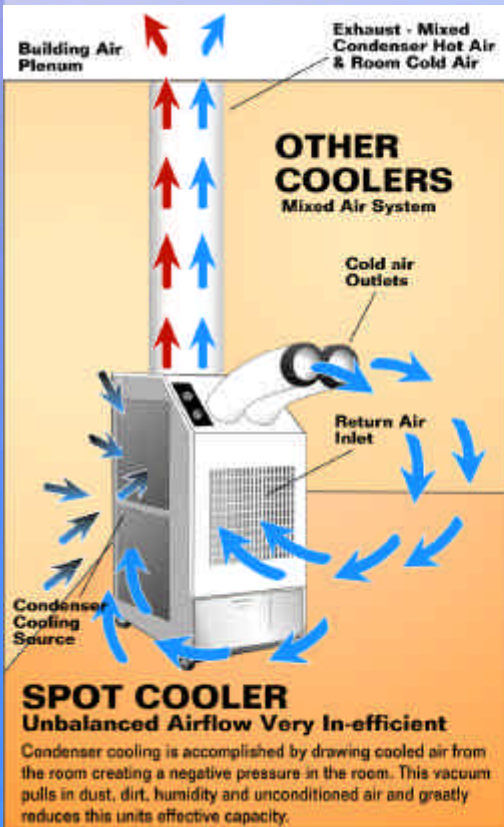
In contrast to a spot cooler, an air conditioner is designed to cool an enclosed area and has independent air streams. Its evaporator air stream is located *inside* the conditioned space and the condenser air stream is located *outside* of the conditioned space.

THE BEST OF BOTH.....THE STRATEGIC AIR CENTER

The KwiKool Strategic Air Center can truly be used in almost any environmental condition. It is rated from 60° to 110°F and functions perfectly as a spot cooler. But it does more – much, much more. The KwiKool Strategic Air Center has a thermostatic expansion valve which adjusts the flow of freon to suit the ambient conditions, Also, its sophisticated microprocessor control system and advanced constant pressure and fan-control freeze protection allows the unit to maintain a temperature set point with pinpoint accuracy for critical environments at temperatures down to 60°F. The diagram at the top right shows KwiKool's unique I/O Integral Condenser system compared to a spot cooler. This exclusive feature brings air from outside of the conditioned space to cool its condenser, then pumps the hot air back outside of the cooled room totally isolating the condenser air from the enclosed area. This is a bal

With all of our standard features, why would anyone buy anything but KwiKool?





- Ships
- Retrofitting
- After Hours/Weekends
- Hot Work
- Special Events/Tents
- Industrial Processes
- Asbestos Abatement
- Aircraft
- Warehouses
- Dark rooms
- Hotel or Restaurants
- Industrial



How does Kwikool's Strategic Air Center stack up to Spot Coolers?

	Kwikool SAC	MC	KW
I/O Integral Condenser	Standard	Add on External Kit	Add on External Kit
Remote Control Capability	Standard	N/A	N/A
Expansion Device	TXV	Cap Tubes	Cap Tubes
Thermostatic Controls	Microprocessor	Digital/Analog	Analog
Freeze Protection	Constant Pressure W/Fan Control	Freeze Stat	Freeze Stat
High Pressure Switch	Standard	Some Models	Standard
Low Pressure Switch	Standard	N/A	N/A
Auto Restart	Standard	Some Models	Standard
Short Cycle Protection	Standard	Some Models	Standard
Low Ambient Controls	Standard	N/A	N/A
Externally Accessible Service Ports	Standard	N/A	N/A
Sight Glass	Standard	N/A	N/A
Filter Dryer	Standard	N/A	N/A
Fan Cycling	Standard	N/A	N/A
Independent Evap & Condenser Motors	Standard	Single Motor (MOST MODELS)	Standard
High Lift Condensate Pump	Standard	Option	Option
Easy Access Service Door	Standard	N/A	N/A
Rifle Tube Coils	Standard	Spiny Fin	N/A
Audible Alarm	Standard	N/A	N/A
LCD Visual Alarm Display	Standard	N/A	N/A
Touch Pad Controls	Standard	Some Models	N/A

*This comparison chart was created based on information available as of 10/12/2001



Air Cooled Models

Air Cooled Units are available in the economic (KPAC) series, or the full-featured Strategic Air Center. The Strategic Air Center comes in a unitary (one piece) configuration (SAC) or a split system (SPLAC)

KPAC Portable Air Conditioner

The KPAC Series is an economical solution for basic cooling needs. Although this unit is equipped with advanced features such as micro-processor controls, our I/O Integral Condenser and heavy duty insulated cabinet; it was designed specifically for the most cost conscious and to provide an affordable alternative to the "spot cooler". The KPAC works great for spot cooling, supplemental cooling and most cooling applications where sophisticated controls and high-end features are not needed.

Our strategic air center is a computer rooms best friend and if you move...just unplug it and take it with you!!



Air Cooled



General Data

Cooling Capacity (BTU/H):
Compressor type:
Dimensions (WxDxH inches):

Split Unit-Master Dimensions:
Split Unit-Condenser Dimensions:

Weight (lbs.):
Supply Hose Quantity:
Supply Hose Max Length:
Condenser Hose Quantity (Opt.):

Fan Data Evaporator

Fan Type (Centrifugal):
Air Flow (CFM/Speeds):

Condenser

Fan Type (Centrifugal):
Air Flow (CFM):

Electrical Specs

Power Supply (Volts):
Current Consumption (Amps):
Power Consumption (kw):
Circuit Breaker Size (Amps):
Min/Max Voltage:
Power Cord Gauge/Length:
Plug Configuration:

KPAC1011
10,500
Hermetic Rotary
16.25x35.5x40.5

N/A
N/A

174
1 - 5"x16"
15'
2 - 12"x8'

Direct Drive
335/1

Direct Drive
1000

115-1Ø
11.5
1.1
15
105-125
14 AWG/6'
NEMA 5-15

KPAC1411
13,700
Hermetic Rotary
16.25x35.5x40.5

N/A
N/A

174
2 - 5"x16"
15'
2 - 12"x8"

Direct Drive
445/1

Direct Drive
1000

115-1Ø
13.5
1.3
15
105-125
14 AWG/6'
NEMA 5-15

SAC1411
13,850
Hermetic Rotary
16.25x35.5x40.5

16.25x15.5x41
16.25x16.25x36

211
Louver
15'
2 - 12"x8"

Direct Drive
460/3

Direct Drive
1100

115-1Ø
14.5
1.35
15
105-125
14 AWG/6'
NEMA 5-15



General Data

Cooling Capacity (BTU/H):
Compressor type:
Dimensions (WxDxH inches):

Split Unit-Master Dimensions:
Split Unit-Condenser Dimensions:

Weight (lbs.):
Supply Hose Quantity:
Supply Hose Max Length:
Condenser Hose Quantity (Opt.):

Fan Data Evaporator

Fan Type (Centrifugal):
Air Flow (CFM/Speeds):

Condenser

Fan Type (Centrifugal):
Air Flow (CFM):

Electrical Specs

Power Supply (Volts):
Current Consumption (Amps):
Power Consumption (kw):
Circuit Breaker Size (Amps):
Min/Max Voltage:
Power Cord Gauge/Length:
Plug Configuration:

SAC3021
29,500
Hermetic Recip.
20.25 x 41 x 41.5

20.25x20.25x41
20.25x20.25x41

294
Louver
20'
2 - 18"x8'

Direct Drive
850/3

Direct Drive
1600

208/230-1Ø
17.05/15.5
3.05
20
195-225/210-250
12 AWG/6'
NEMA 6-20

SAC4221
42,000
Hermetic Recip.y
22.25 x 48 x 47.5

22.25x20.25x48
22.25x24x44

426
2 - 8"x21"
25'
2 - 18"x8'

Direct Drive
1400/3

Belt Drive
2100

208/230-1Ø
37.2/33.75
6.5
40
195-225/210-250
10 AWG/10'
Feild Supplied

SAC6021
60,000
Hermetic Recip.
24.25 x 53 x 57.5

24.25x20.25x57.5
24.25x30x32

557
2 - 10"x24"
25'
2 - 20"x8'

Direct Drive
2000/3

Belt Drive
3500

208/230-1Ø
50.5/45.5
8.8
60/50
195-225/210-250
8 AWG/10'
Feild Supplied

SAC and SPLAC Strategic Air Centers, Air Cooled – Unitary and Split Models

The air-cooled strategic air center models are available in a unitary (one piece) (SAC) or a split system (SPLAC) configuration. The one piece models are completely contained in a heavy-duty insulated cabinet. Kwikool's SPLAC is a two-piece system with remote condenser unit attached to a master unit via Kwikool's exclusive Kwik-Connect line set.

Additional hose sets can be added to accommodate longer distances to the condenser. Except for the dimensions, all of the features are identical to the unitary system.



Available in models: SPLAC 1411, 1811, 2411, 2421, 3021, 4221, 6021, 6043, 12023, 12043

All air cooled strategic air centers are equipped with controls and features necessary to insure proper operation and protection for critical applications such as primary cooling for computer rooms or other electronic equipment. Some of these features include remote ready micro-processor controls, I/O Integral Condenser System, thermostatic expansion valve, audible and LCD visual display alarms, auto restart, short cycle protection, high and low pressure safeties, fan control and constant pressure freeze protection, sight glass, easily accessible service ports, high lift internal condensate pump and a 5 gallon reservoir both with overflow protection to name a few



General Data	SAC1811	SAC2411	SAC2421
Cooling Capacity (BTU/H):	17,700	23,500	23,500
Compressor type:	Hermetic Rotary	Hermetic Recip.	Hermetic Recip.
Dimensions (WxDxH inches):	16.25 x 35.5 x 40.5	20.25 x 41 x 41.5	20.25 x 41 x 41.5
<i>Split Unit-Master Dimensions:</i>	16.25x15.5x41	20.25x20.25x41	20.25x20.25x41
<i>Split Unit-Condenser Dimensions:</i>	16.25x16.25x36	20.25x20.25x41	20.25x20.25x41
Weight (lbs.):	217	304	278
Supply Hose Quantity:	Louver	Louver	Louver
Supply Hose Max Length:	15'	15'	20'
Condenser Hose Quantity (Opt.):	2 - 12"x8'	2 - 14"x8'	2 - 14"x8'
Fan Data			
Evaporator			
Fan Type (Centrifugal):	Direct Drive	Direct Drive	Direct Drive
Air Flow (CFM/Speeds):	600/3	725/1	750/3
Condenser			
Fan Type (Centrifugal):	Direct Drive	Direct Drive	Direct Drive
Air Flow (CFM):	1200	1350	1400
Electrical Specs			
Power Supply (Volts):	115-1Ø	115-1Ø	208/230-1Ø
Current Consumption (Amps):	17.9	19.5	13.75/12.5
Power Consumption (kw):	1.75	1.9	2.4
Circuit Breaker Size (Amps):	20	20	20
Min/Max Voltage:	105-125	105-125	195-225/210-250
Power Cord Gauge/Length:	12 AWG/6'	12 AWG/6'	12 AWG/6'
Plug Configuration:	NEMA 5-20	NEMA 5-20	NEMA 6-20



General Data	SAC6043	SAC12023	SAC12043
Cooling Capacity (BTU/H):	60,000	120,000	120,000
Compressor type:	Hermetic Recip.	Hermetic Recip.	Hermetic Recip.
Dimensions (WxDxH inches):	24.25 x 53 x 57.5	32.25 x 71 x 68	32.25 x 71 x 68
<i>Split Unit-Master Dimensions:</i>	24.25x20.25x57.5	32.25x32.25x68	32.25x32.25x68
<i>Split Unit-Condenser Dimensions:</i>	24.25x30x32	32.25x34x36	32.25x34x36
Weight (lbs.):	581	1100	1124
Supply Hose Quantity:	2 - 10"x24'	2 - 12"x30"	2 - 12"x30"
Supply Hose Max Length:	25'	25'	25'
Condenser Hose Quantity (Opt.):	2 - 20"x8'	2 - 20"x8'	2 - 20"x8'
Fan Data			
Evaporator			
Fan Type (Centrifugal):	Direct Drive	Belt Drive	Belt Drive
Air Flow (CFM/Speeds):	2000/1	1800/3800	1800/3800
Condenser			
Fan Type (Centrifugal):	Belt Drive	Belt Drive	Belt Drive
Air Flow (CFM):	3500	5000	5000
Electrical Specs			
Power Supply (Volts):	460-3Ø	208/230-3Ø	480-3Ø
Current Consumption (Amps):	17.64	71.8/64.8	32.4
Power Consumption (kw):	7.5	15	15
Circuit Breaker Size (Amps):	30	80/70	40
Min/Max Voltage:	420-500	195-225/210-250	420-500
Power Cord Gauge/Length:	10 AWG/10'	6 AWG/10'	8 AWG/10'
	Feild Supplied	Feild Supplied	Feild Supplied

Water Cooled Models

SWAC

Strategic Air Center

The water-cooled Strategic Air Center is identical to the air-cooled models in every aspect except for the smaller physical dimensions and that its condenser uses water in lieu of air to remove the heat. Any water source such as chilled water, condenser water from a cooling tower, or even water from a garden hose attached to a spigot can make the SWAC work for you. As with all Strategic Air Centers, the SWAC is full featured and includes remote ready microprocessor controls, thermostatic expansion valve, audible and LCD visual display alarms, auto restart, short cycle protection, high and low pressure safeties, fan control and constant pressure freeze protection, sight glass, easily accessible service ports, automatic water regulating valve, high lift internal condensate pump and a 5 gallon reservoir both with overflow protection to name a few of its many attributes.

Water Cooled



General Data

Cooling Capacity (BTU/H):
Compressor type
Dimensions (WxDxH inches):
Weight:
Supply Hose Quantity:
Supply Hose Max Length:

SWAC1411

13,800
Hermetic Rotary
16.25 x 22 x 40.5
145
Louver
15'

SWAC1811

17,700
Hermetic Rotary
16.25 x 22 x 40.5
158
Louver
15'

SWAC2411

23,500
Hermetic Recip.
20.25 x 22 x 41.5
212
Louver
15'

Fan Data Evaporator

Fan Type (Centrifugal):
Air Flow (CFM/Speeds):

Direct Drive
450/3

Direct Drive
600/3

Direct Drive
725/1

Water Flow Data

Flow Regulating Valve
Inlet Water Temp. 85°F-95°F exit (GPM)
Inlet Water Temp. 75°F-95°F exit (GPM)
Inlet Water Temp. 65°F-95°F exit (GPM)
Inlet Water Temp. 55°F-95°F exit (GPM)

Automatic
3.00
1.50
1.00
0.75

Automatic
4.50
2.25
1.50
1.20

Automatic
6.00
3.00
2.00
1.50

Electrical Specs

Power Supply (Volts):
Current Consumption (Amps):
Power Consumption (kw):
Circuit Breaker Size (Amps):
Min/Max Voltage:
Power Cord Gauge/Length:
Plug Configuration:

115-1Ø
11.25
1.10
15
20.00
14 AWG/6'
NEMA 5-15

115-1Ø
16.5
1.6
15
105-125
12 AWG/6'
NEMA 5-20

115-1Ø
17.1
1.65
20
105-125
12 AWG/6'
NEMA 5-20



General Data

Cooling Capacity (BTU/H):
Compressor type
Dimensions (WxDxH inches):
Weight:
Supply Hose Quantity:
Supply Hose Max Length:

SWAC4221

42,000
Hermetic Recip.
22.25 x 22 x 47.5
320
2 - 8"x21"
25'

SWAC6021

60,000
Hermetic Recip.
24.25 x 26 x 57.5
360
2 - 10"x24"
25'

SWAC6043

60,000
Hermetic Recip.
24.25 x 26 x 57.5
383
2 - 10"x24"
25'

Fan Data Evaporator

Fan Type (Centrifugal):
Air Flow (CFM/Speeds):

Direct Drive
1400/3

Direct Drive
2000/3

Direct Drive
2000/1

Water Flow Data

Flow Regulating Valve
Inlet Water Temp. 85°F-95°F exit (GPM)
Inlet Water Temp. 75°F-95°F exit (GPM)
Inlet Water Temp. 65°F-95°F exit (GPM)
Inlet Water Temp. 55°F-95°F exit (GPM)

Automatic
10.50
5.25
3.50
2.70

Automatic
15.00
7.50
5.00
3.75

Automatic
15.00
7.50
5.00
3.75

Electrical Specs

Power Supply (Volts):
Current Consumption (Amps):
Power Consumption (kw):
Circuit Breaker Size (Amps):
Min/Max Voltage:
Power Cord Gauge/Length:
Plug Configuration:

208/230-1Ø
28/25.5
4.9
40/30
195-225/210-250
10 AWG/10'
Feild Supplied

208/230-1Ø
37/33.5
6.5
40
195-225/210-250
8 AWG/10'
Feild Supplied

460-3Ø
14.5
6.15
20
420-500
10 AWG/10'
Feild Supplied



General Data	SWAC2421	SWAC3021
Cooling Capacity (BTU/H):	23,500	29,500
Compressor type:	Hermetic Recip.	Hermetic Recip.
Dimensions (WxDxH inches):	20.25 x 22 x 41.5	20.25 x 22 x 41.5
Weight:	185	208
Supply Hose Quantity:	Louver	Louver
Supply Hose Max Length:	20'	20'

Fan Data		
Evaporator		
Fan Type (Centrifugal):	Direct Drive	Direct Drive
Air Flow (CFM/Speeds):	750/3	850/3

Water Flow Data		
Flow Regulating Valve	Automatic	Automatic
Inlet Water Temp. 85°F-95°F exit (GPM)	6.00	7.50
Inlet Water Temp. 75°F-95°F exit (GPM)	3.00	3.75
Inlet Water Temp. 65°F-95°F exit (GPM)	2.00	2.50
Inlet Water Temp. 55°F-95°F exit (GPM)	1.50	2.00

Electrical Specs		
Power Supply (Volts):	208/230-1Ø	208/230-1Ø
Current Consumption (Amps):	10.5/9.5	12.65/11.5
Power Consumption (kw):	1.8	2.25
Circuit Breaker Size (Amps):	20	20
Min/Max Voltage:	105-125	195-225/210-250
Power Cord Gauge/Length:	12 AWG/6'	12 AWG/6'
Plug Configuration:	NEMA 6-20	NEMA 6-20



General Data	SWAC12023	SWAC12043
Cooling Capacity (BTU/H):	120,000	120,000
Compressor type:	Hermetic Recip.	Hermetic Recip.
Dimensions (WxDxH inches):	32.25 x 44 x 68	32.25 x 44 x 68
Weight:	850	874
Supply Hose Quantity:	2 - 12"x30"	2 - 12"x30"
Supply Hose Max Length:	25'	25'

Fan Data		
Evaporator		
Fan Type (Centrifugal):	Belt Drive	Belt Drive
Air Flow (CFM/Speeds):	1800/3800	1800/3800

Water Flow Data		
Flow Regulating Valve	Automatic	Automatic
Inlet Water Temp. 85°F-95°F exit (GPM)	30.00	30.00
Inlet Water Temp. 75°F-95°F exit (GPM)	15.00	15.00
Inlet Water Temp. 65°F-95°F exit (GPM)	10.00	10.00
Inlet Water Temp. 55°F-95°F exit (GPM)	7.50	7.50

Electrical Specs		
Power Supply (Volts):	208/230-3Ø	460-3Ø
Current Consumption (Amps):	49.9/45.4	23.1
Power Consumption (kw):	12.5	12.5
Circuit Breaker Size (Amps):	60/50	30
Min/Max Voltage:	195-225/210-250	420-500
Power Cord Gauge/Length:	8 AWG/10'	10 AWG/10'
Plug Configuration:	Feild Supplied	Feild Supplied

Small Size
BIG CHILL!



KwiKool's Evaporative Coolers can help improve your hostile environments

Cooler work spaces means happier workers and increased productivity.

Cooler greenhouses promote plant growth and profits, and protect against damaged greenery.

Installation is a snap! Plug the KwiKool portable evaporative cooler into your nearest 120 volt outlet, fill the water sump reservoir with water and switch the unit on. Ahh... feel the cool air.

Some Applications

- Warehouses
- Tents
- Outdoor Parties
- Greenhouses
- Construction sites
- Vessels

Man...Feel that cool air!



KwiKool's Evaporative Coolers blow away the Competition

The KwiKool portable evaporative cooler is manufactured with a roto-molded corrosion-free polyethylene plastic body, utilizes a heavy duty galvanized steel fan powered by a totally enclosed, high efficiency motor for long life. Water is recirculated by a high efficiency maintenance-free, corrosion-resistant submersible water pump..It's virtually maintenance free.

How does the KwiKool cool off hot areas? By Saturation – regular fans simply circulate the same air, same humidity, same temperature over and over. The KwiKool portable evaporative cooler takes ambient air, combines it with evaporating water, therefore lowering the temperature, a condition similar to when a rain storm approaches and the temperature drops because the air is saturated with water. The KwiKool cooling media scrubs airborne materials from the immediate area and has a large volume cooling capacity up to 11,250 CFM (Cubic Feet per Minute) for cooling large areas. A portable water reservoir is available.



Model	KE361D	KE361B	KE363B	KE181D
General Data				
Housing	Rotomolded corrosion free polyethylene			
Base	High Strength ABS plastic mounted on 4" casters			
Cooling Media	Cross corrugated angle fluted formulated cellulose material treated with a thermosetting resin			
Dimensions (WxDxH inches)	61.5x63x32.5	61.5x63x32.5	61.5x63x32.5	27x36x24
Weight	228	236	236	73
Water Supply	Requires standard garden hose connection			
Fan Data				
Fan Type	Direct Drive	Belt Drive	Belt Drive	Direct Drive
Air Flow (CFM)@0sp	11600	11600	11600	3000
Air Flow (CFM)@.15sp	9700	9700	9700	2600
Motor HP	0.5	0.5	0.5	0.25
Fan Blade	36" Industrial Duty galvanized steel			18" Industrial Galv.
Pump Data				
Pump Type	Submersible, high efficiency, maintenance free			
Pump HP	1/6	1/6	1/6	1/50

KwiKool's Accessories help you adapt your KwiKool to many different environments.



1

1 Ceiling Kit - This kit comes with everything you need to duct your air cooled unit into the drop ceiling space.



2

2 Cold Air Return Ducting Kit - This kit gives you an attachment for a duct on the cold air return for applications that need remote returns.



3

3 Air Chute Attachment - This attachment comes with everything you need to install air chutes on your unit supplied with louvers.



4

4 15-gallon tank - Large capacity tank assembly for those applications where extended run times without frequent tank emptyings are needed.



5

5 Infrared Remote Control - Control your unit from across the room! This device controls your unit remotely and also has remote temperature sensing!

6 Split-Systems Line Extensions - (not pictured) 15' line extensions for the SAC split systems. Just plug and play!

KwiKool Accessories

KwiKool has the broadest selection of unit sizes and configurations in the industry, and with KwiKool's accessories you can tackle almost any application as if the unit was custom made for it!

KwiKool Customizing

KwiKool can customize any unit, for special applications including "explosion proofing" for hazardous locations.

Call 1-800-KWIKOOL for a quote on your customized unit!

If KwiKool doesn't have a unit for your application... then you must not need cooling!





01 Holmes Rd. • Houston, TX 77045
713-667-9595 • Fax 713-660-6601
www.kwikool.com
email: sales@kwikool.com

1-800-KWIKOOL

SALES • LEASING

*We can ship units anywhere in the
world and get you cool KwiK!*

Brrrrrrrr...!



Distributed By: